

Re: mysql performance test results under FreeBSD-7.0-CURRENT

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/current/2006-03/msg00827.html>

- *From:* Alexander Leidinger <Alexander@xxxxxxxxxxxxxx>
 - *Date:* Thu, 30 Mar 2006 08:56:37 +0200
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Ganbold <ganbold@xxxxxxxxxxxxxx> wrote:

Hi all,

I did make some mysql performance tests under FreeBSD-7.0-CURRENT with various scheduler and compile time options.

It seems like mysql(BUILD_OPTIMIZED=yes, BUILD_STATIC=yes, WITH_PROC_SCOPE_PTH=yes)-libpthread-tsc-sched_4bsd+preemption gives better performance.

You should test without WITNESS (and maybe without INVARIANTS), as it's a safety net / debug feature for us developers.

There are several things I didn't test and this leads to some questions:

1. I didn't make test with Poul-Henning's CPU accounting patch. Somehow I can't apply it (http://phk.freebsd.dk/patch/cpu_acct_2.patch) cleanly. Where can I find latest patch? When this patch will be included in CURRENT?

It looks like a different version of this patch is committed.

3. I did make tests with default malloc in CURRENT. I'm confused what malloc options should try (jemalloc? phkmalloc?) What is the default malloc in CURRENT? How to use these different mallocs?

The default in current is jemalloc as it is supposed to give a lot of benefits in the SMP case, and no no drawbacks in the UP case. The previous version is called phkmalloc. Have a look at "man malloc.conf" for tuning features. You can also disable some debug stuff by recompiling the world with "-DNO_MALLOC_EXTRAS" added to your CFLAGS.

Bye,

Re: mysql performance test results under FreeBSD-7.0-CURRENT

Alexander.

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The further away the disaster or accident occurs, the greater the number of dead and injured required for it to become a story.

freebsd-current@xxxxxxxxxxx mailing list

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